

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of
Invention

Catalyst Systems Comprising a Chromium Catalyst and a Non-Transition Metal Cyclopentadienyl Cocatalyst

Application Number: 10/829550

10/829550

Confirmation Number: 6367

First Named Applicant: Max McDaniel

Attorney Docket Number:

Art Unit: 1755

Search string: (2825721 or 3119569 or 3248179 or 3622521 or 3625864 or 3887494 or 3900457 or 3947433 or 4015059 or 4053436 or 4081407 or 4151122 or 4152503 or 4177162 or 4182815 or 4247421 or 4248735 or 4277587 or 4294724 or 4296001 or 4297460 or 4345055 or 4364839 or 4364841 or 4364842 or 4364854 or 4364855 or 4382022 or 4392990 or 4397765 or 4397769 or 4402864 or 4405501 or 4405768 or 4424320 or 4424341 or 4436883 or 4436886 or 4444962 or 4444964 or 4444965 or 4444966 or 4460756 or 4501855 or 4504638 or 4589957 or 4613484 or 4737280 or 4900704 or 4981831).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	2825721	1958-03-04	Hogan, et al		260	88.1
<input type="checkbox"/>	2	3119569	1964-01-28	Baricordi		241	55
<input type="checkbox"/>	3	3248179	1966-04-26	Norwood		23	285
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<input type="checkbox"/>	7	3900457	1975-08-19	Witt		260	94.9
<input type="checkbox"/>	8	3947433	1976-03-30	Witt		260	88.2R
<input type="checkbox"/>	9	4015059	1977-03-29	Karol		526	130
<input type="checkbox"/>	10	4053436	1977-10-11	Hogan, et al		252	452
<input checked="" type="checkbox"/>	11	4081407	1978-03-28	Short, et al		252	458

12/20/04

p. 2

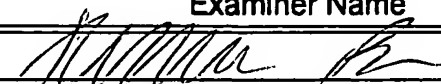
12	4151122	1979-04-24	McDaniel, et al	252	458
13	4152503	1979-05-01	Short, et al	526	106
14	4177162	1979-12-04	McDaniel, et al	252	439
15	4182815	1980-01-08	McDaniel, et al	526	96
16	4247421	1981-01-27	McDaniel, et al	252	458
17	4248735	1981-02-03	McDaniel, et al	252	428
18	4277587	1981-07-07	McDaniel, et al	526	106
19	4294724	1981-10-13	McDaniel	252	451
20	4296001	1981-10-20	Hawley	252	458
21	4297460	1981-10-27	McDaniel, et al	526	98
22	4345055	1982-08-17	Hawley	526	96
23	4364839	1982-12-21	McDaniel, et al	252	430
24	4364841	1982-12-21	McDaniel, et al	252	430
25	4364842	1982-12-21	McDaniel, et al	252	430
26	4364854	1982-12-21	McDaniel, et al	252	437
27	4364855	1982-12-21	McDaniel, et al	252	437
28	4382022	1983-05-03	McDaniel	252	452
29	4392990	1983-07-12	Witt	252	458
30	4397765	1983-08-09	McDaniel	252	430
31	4397769	1983-08-09	McDaniel, et al	252	458
32	4402864	1983-09-06	McDaniel	252	430
33	4405501	1983-09-20	Witt	252	452
34	4405768	1983-09-20	McDaniel	526	96
35	4424320	1984-01-03	McDaniel	526	106
36	4424341	1984-01-03	Hanson, et al	528	501
37	4436883	1984-03-13	Witt	526	106
38	4436886	1984-03-13	Tsai, et al	526	257
39	4444962	1984-04-24	McDaniel, et al	526	95
40	4444964	1984-04-24	McDaniel, et al	526	105
41	4444965	1984-04-24	McDaniel, et al	526	105
42	4444966	1984-04-24	McDaniel	526	106
43	4460756	1984-07-17	McDaniel, et al	526	106
44	4501855	1985-02-26	Noren	525	218
45	4504638	1985-03-12	McDaniel, et al	526	134
46	4589957	1986-05-20	Sherk, et al	203	75
47	4613484	1986-09-23	Ayres, et al	422	132

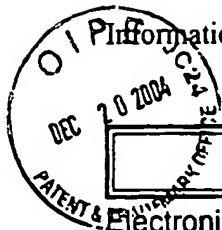
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<input type="checkbox"/>	49	4900704	1990-02-13	McDaniel, et al	502	210
<input checked="" type="checkbox"/>	50	4981831	1991-01-01	Knudsen, et al	502	236

Signature

Examiner Name	Date
	3/16/05

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Invention****Catalyst Systems Comprising a Chromium Catalyst and a Non-Transition Metal Cyclopentadienyl Cocatalyst**

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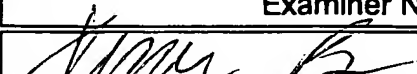
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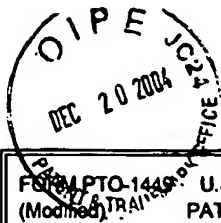
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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	5276115	1994-01-04	Bohmer, et al		526	126
<input type="checkbox"/>	2	5565175	1996-10-15	Hottovy, et al		422	132
<input type="checkbox"/>	3	5575979	1996-11-19	Hanson		422	132
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<input type="checkbox"/>	5	6239235	2001-05-29	Hottovy, et al		526	64
<input type="checkbox"/>	6	6583241	2003-06-24	Beach, et al		526	160
<input type="checkbox"/>	7	6617403	2003-09-09	Sukhadia, et al		526	106
<input type="checkbox"/>	8	6642324	2003-11-04	Bergmeister, et al		526	129
<input checked="" type="checkbox"/>	9	6657023	2003-12-02	Bergmeister, et al		526	104

Signature

Examiner Name	Date
	3/16/05



FORM PTO-1449 (Modified) TRAINING OFFICE	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 210481US(4081-05900)	SERIAL NO. 10/829,550
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANTS: Max P. McDaniel, et al	
	FOR: Catalyst Systems Comprising A Chromium Catalyst and a Non-Transition Metal Cyclopentadienyl Cocatalyst	FILING DATE 04/22/2004	GROUP 1755

U. S. PATENT DOCUMENTS									
Examiner Initial		Patent Number					Issue Date	Patentee	Filing Date (If Appropriate)

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION									
			Document Number	Publication Date	Country or Patent Office	Class	Sub- Class	Translation	
								Yes	No
mlb		AA	JP 50045078A2	04/22/1975	Japan				X

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)					
mlb	BA	Dockter, "Cp Cocatalysts for Chromium Catalysts," <i>PI-210481 Search Report</i> , July 24, 2003, 35 pgs.			
	BB	Hieber, et al., "Some Correlations Involving the Shear Viscosity of Polystyrene Melts," <i>Rheol Acta</i> , Vol. 28, No. 4, 1989, pgs. 321-332.			
	BC	Hieber, et al., "Shear-Rate-Dependence Modeling of Polymer Melt Viscosity," <i>Polymer Engineering and Science</i> , Vol.32, No. 14, July 1992, pgs. 931-938.			
	BD	Bird, et al., "Dynamics of Polymeric Liquids, Volume 1, Fluid Mechanics," 2 nd Edition, John Wiley & Sons, 1987, 10 pgs.			
Examiner	Date Considered 3/16/05				
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					